

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                  |
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| <b>Catalogue Number</b>  | 43379                                                                            |
| <b>Product</b>           | <b>4-(4-Methyl-1-piperazinyl)aniline</b><br>1-(4-Aminophenyl)-4-methylpiperazine |
| <b>CAS Number</b>        | 16153-81-4                                                                       |
| <b>Molecular Formula</b> | C <sub>11</sub> H <sub>17</sub> N <sub>3</sub>                                   |
| <b>Molecular Weight</b>  | 191.28                                                                           |

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|--------------------------|----------------------------------------------|
| <b>Warnings</b>          | <i>Air Sensitive! Store under inert gas!</i> |
| <b>Appearance</b>        | White to gray to brown crystalline powder    |
| <b>Solubility</b>        | Soluble in methanol                          |
| <b>Melting Point</b>     | 89 - 93 °C                                   |
| <b>Boiling point</b>     | 180 °C/5 mmHg                                |
| <b>Infrared Spectrum</b> | Conforms to structure                        |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                        |
| <b>Purity by GC</b>      | ≥ 98%                                        |
| <b>Storage</b>           | Store at 2 - 8 °C                            |

**For Laboratory Use Only**